

STEP

Status Tool For The Environmental Program



U. S. Army, Joint Munitions Command (JMC) Installations

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AGENDA

- Decision Sciences Inc. (DSI)
 - ✓ Background
 - ✓ Customers
- Status Tool For The Environmental Program (STEP) for JMC
 - ✓ What is STEP?
 - ✓ Why STEP?
 - ✓ Timeline
 - ✓ Roles & Responsibilities
 - ✓ Main Page
 - ✓ Functional Elements
 - ✓ Project Detail Page
 - ✓ Reports Page
 - ✓ Next Generation Possibilities
 - Geographic Information System (GIS) Mapping
 - Dashboard Technology

DSI - BACKGROUND

DSI Locations



Fort Walton Beach, FL



Rock Island, IL

Core Competencies

Computer Engineering & Science	3D Data Modeling & Simulation
Software Engineering/IT	Advanced Web-based Programming
Data Collection & Analysis	Interactive Multimedia Training Program
Manufacturing Systems	Operations & Maintenance
Operations Research	Industrial Base Applications

Personnel Strengths

Smithsonian Honoree	PhDs & Masters
Advanced Technical Degrees	Operating System Certification
Oracle Database Certification	Subject Matter Expert
CompTIA Certification	DoD Info Assurance Tech Certification

Expertise

IT Architecture, Engineering, and Equipment	Database Design/Development/Management
Systems Management	Web-based Application Programming
Cost & Risk Analysis	Operations & Maintenance
Chemical Engineering	Operations Research/Studies & Analysis
Logistics	Manufacturing/Industrial Base/Ammunition Systems
LEAN SIX SIGMA	Process Methodologies

DSI - CUSTOMERS



US Air Force

- Air Force Research Laboratory
- 46th Range Support



US Army

- Joint Munitions Command (JMC)
- Program Executive Office for Ammunition (PEO Ammo)
- Tank and Automotive Command (TACOM)



US Marine Corps

- USMC Program Manager for Ammunition (PM Ammo)

Raytheon

Commercial

- Raytheon Missile Systems
 - Tomahawk Cruise Missile
 - Paveway Missile System
 - Evolved Sea Sparrow Missile

WHAT IS STEP?



STEP - STATUS TOOL FOR THE ENVIRONMENTAL PROGRAM



**Secure Dynamic Web Based Application for Army
Environmental Requirements**

**Tracks & Standardizes "All" Environmental
Program Requirements**

Managed & Resides at Headquarters, JMC

Integrated Process Team (IPT) Driven

WHY STEP?

- Provides Most Current Information Available, Application Access is 24/7
- Promotes Roles & Responsibilities (Seven Levels Of Functionality)
- Extremely Versatile And Detailed, Easy To Use *(Based On Feedback From Installation Users)*
- Provides A Standard Nucleus That Can Support “All” Army Installations To Include “Special Installations” Such As The Army Ammunition Plants
 - ✓ Captures “All” Funded And Non-Funded Environmental Requirements And Contingencies In Project Form Such As Mission Related Requirements/Projects Resulting From But Not Limited To:
 - The Lifecycles Of Explosives And Propellants Manufacturing and Disposal
 - The Waste Streams Of Explosives, Propellant, And Metal Manufacturing Processes
 - Production Modernization
 - Unexpected Requirements Such As HAZMAT Spills
 - Demolition
 - **Possible Project Types Are Limitless**
- Easy Integration With The JMC Industrial Base Assessment Tool (IBAT)
- Can Easily Select The OMA Projects And Provide The Most Current Information To DA, AMC, IMCOM, and/or AEC On A Moment’s Notice
 - ✓ Outstanding Resource and Time Savings

STEP TIMELINE

CONTINUOUS WEEKLY IPT MEETINGS



STEP ROLES & RESPONSIBILITIES

Level 7

- **Installation View Only** - Person(s) with Read only access for “ALL” projects/data for his/her installation only.

Level 6

- **Installation Environmental Manager (IEM)** - Person(s) that have read/write access to submit new and edit installation projects for only their specific installation.

Level 5

- **Installation Approval Authority** - Person(s) who have the authority to prioritize and approve projects for only their specific installation.

Level 4

- **JMC Project Manager (PM)** - Person(s) that can edit installation projects based on a specific program and/or submits new HQ & installation projects.

Level 3

- **JMC Division Chief** - Person(s) that have read/write access and HQ project approval authority.

Level 2

- **Administrator** - Person(s) that have read/write access to most aspects of the system. He/she will provide maintenance and support of the web-based application.

Level 1

- **HQ View Only** - Anyone who needs Read-Only access to the data for “ALL” projects, i.e., JMC Command, AMC Command & staff, DA Command & Staff, etc.

STEP – MAIN PAGE

Welcome User Level 2 TX Ha (Administrator - Level 2) [Logout](#) [Help](#)

STEP – STATUS TOOL FOR THE ENVIRONMENTAL PROGRAM For Official Use Only

PROJECTS ▼ REPORTS ▼ UTILITIES ▼ REFERENCES ▼

STEP -> View Projects

[View Filter](#)  

Installation Name	Project Number	Name	Pillar	Status	Current Level	Local Priority
AMC Afloat	AMCAF-09-C02	AMCAF email test 9 level 6 SC	Compliance	PEN	Level 5 - Installation Approval Authority	1
AMC Afloat	AMCAF-09-C04	SC Funding Test With CAT	Compliance	PEN	Level 2 - Administrator	
AMC Afloat	AMCAF-09-C05	My Test ProjCat-CMP-NRSM-ESAF 1	Compliance	PEN	Level 2 - Administrator	
AMC Afloat	AMCAF-09-C06	Test Project at Level 6	Compliance	PEN	Level 5 - Installation Approval Authority	
AMC Afloat	AMCAF-09-C07	Test 1 Project Catalog AMC Funding Test	Compliance	PEN	Level 2 - Administrator	
AMC Afloat	AMCAF-09-C08	test funding	Compliance	PEN	Level 2 - Administrator	
AMC Afloat	AMCAF-09-C09	THA Test Project at AMC	Compliance	PEN	Level 2 - Administrator	5
AMC Afloat	AMCAF-09-C10	THA Project Test #2 7.29.09	Compliance	PEN	Level 3 - JMC Division Chief	
AMC Afloat	AMCAF-09-C11	Project Testing on Approve Project Proc- Level 6	Compliance	PEN	Level 5 - Installation Approval Authority	2
AMC Afloat	AMCAF-09-C12	level 6 Project 7.30.04	Compliance	PEN	Level 5 - Installation Approval Authority	

217 Project(s)

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NOTE: All Data Illustrated In The STEP Slides Is “Fictional” Data That Was “Used For Test Purposes Only”

STEP – FUNCTIONAL ELEMENTS



USER ID → Welcome User Level 2 TX Ha (Administrator - Level 2)

LOGOUT & HELP HYPERLINKS
For Official Use Only

STEP – STATUS TOOL FOR THE ENVIRONMENTAL PROGRAM

PROJECTS **REPORTS** **UTILITIES** **REFERENCES**

STEP -> View Projects

VIEW FILTER **VIEW FILTER HYPERLINK** **DROP DOWN MENUS** **MESSAGE CENTER**

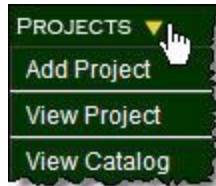
Installation Name	Project Number	Name	Pillar	Status	Current Level	Local Priority
AMC Afloat	AMCAAF-09-C02	AMCAF email test 9 level 6 SC	Compliance	PEN	Level 5 - Installation Approval Authority	1
AMC Afloat	AMCAAF-09-C04	SC Funding Test With CAT	Compliance	PEN	Level 2 - Administrator	
AMC Afloat	AMCAAF-09-C05	My Test ProjCat-CMP-NRSM-SAF 1	Compliance	PEN	Level 2 - Administrator	
AMC Afloat	AMCAAF-09-C06	Test Project at Level 6	Compliance	PEN	Level 5 - Installation Approval Authority	
AMC Afloat	AMCAAF-09-C07	Test 1 Project Catalog AMC Funding Test	Compliance	PEN	Level 2 - Administrator	
AMC Afloat	AMCAAF-09-C08	Test funding	Compliance	PEN	Level 2 - Administrator	
AMC Afloat	AMCAAF-09-C09	THA Test Project at AMC	Compliance	PEN	Level 2 - Administrator	5
AMC Afloat	AMCAAF-09-C10	THA Project Test #2 7.29.09	Compliance	PEN	Level 3 - JMC Division Chief	
AMC Afloat	AMCAAF-09-C11	Project Testing on Approve Project Proc- Level 6	Compliance	PEN	Level 5 - Installation Approval Authority	2
AMC Afloat	AMCAAF-09-C12	Level 6 Project 7.30.09	Compliance	PEN	Level 5 - Installation Approval Authority	

217 Project(s)

PROJECT NUMBER HYPERLINK **DISPLAY WINDOW**

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STEP – PROJECT DETAIL PAGE



Welcome Alice Martin (Installation Environmental Mgr - Level 6) [Logout](#) [Help](#)

STEP - STATUS TOOL FOR THE ENVIRONMENTAL PROGRAM

PROJECTS ▾ REPORTS ▾ UTILITIES ▾ REFERENCES ▾

STEP -> View Projects -> View/Edit Project

< Previous Next > Bottom ▾

VIEW / EDIT PROJECT

Current Status of the Project: PEN - Level 6 (Installation Environmental Mgr)

Installation: 52638IAAAP39 - Iowa Army Ammunition Plant ▾	Read-Only Info:
Project Name: Global Habitat Research	INSNO: 52638IAAAP39
P2? <input type="checkbox"/>	State: IA ▾
Pillar: CNS - Conservation ▾	Catalog#: <input type="checkbox"/> View Catalog
Law/Reg: NRS - Natural Resources Management ▾	Project #: IAAAP-09-N02
Program Area (ECAT): ESAF - Endangered Species Act (Federal) ▾	
Progress code: PP - Preliminary Planning Non recurring ▾	Discontinue Date: <input type="text"/>
Compliance status: TRNG - Essential Training/Education ▾	Compliance Date: <input type="text"/>
Class: 0 ▾ Must Fund: Yes ▾ Assessment: High ▾	
Contact Name: Alice Martin ▾	Contact Phone: 238-555-5286
Created By: Alice Martin	Created Date: 8/4/2009
Modified By:	Modified Date:

Narrative: (Max 3000 characters)

Duckbilled Platypus, North American Wolfhound and the Ringed Jumping Spider.

NOTE:
All User And/or
POC Information Is
"Fictional" Data
That Was "Used For
Test Purposes Only"

Also, looking into any migration pattern disturbances.

Additional Info: (Max 2000 characters)

Comments History: (Read Only)

PEN on 8/4/2009 2:13:27 PM by Alice Martin (Level 6 - Installation Environmental Mgr)
Comments: *****

Click here to Add / Edit / View Funding Information View Project History Previous FY Data

Review Save Close Approve Disapprove Print Top ▲

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In Addition To The Form Fields, Any/All Supporting Documentation Can Be Uploaded And Attached Such As NOV's, Drawings, MS Office Documents, Etc.

STEP – USER REPORTS



Welcome Earl Fox ([Project Manager - Level 4](#)) [Logout](#) | [Help](#)

STEP – STATUS TOOL FOR THE ENVIRONMENTAL PROGRAM For Official Use Only

PROJECTS ▼ REPORTS ▼ UTILITIES ▼ REFERENCES ▼

STEP -> [Reports](#) -> User

✦ STEP REPORTS

Installation: Project Number: Fiscal Year:

✦ USER REPORTS

- ✦ [1. Active Users](#)
- ✦ [2. Inactive Users](#)
- ✦ [3. Users By Security Levels](#)

✦ PROJECT REPORTS

- ✦ [1. Approved Projects](#)
- ✦ [2. Disapproved Projects](#)
- ✦ [3. Projects Over Amount: \\$](#)
- ✦ [4. Projects By Assessment](#)
- ✦ [5. Single Project](#)
- ✦ [6. Obligated Projects](#)
- ✦ [7. Pending Projects](#)
- ✦ [8. Projects Funding](#)
- ✦ [9. Crosstab Report](#)

✦ FUNDING REPORTS

- ✦ [1. Funding Audit Trail Listing](#)
- ✦ [2. Total Required Dollars](#)
- ✦ [3. Total Committed Dollars](#)
- ✦ [4. Total Funded Dollars](#)
- ✦ [5. Total Obligated Dollars](#)
- ✦ [6. UFR Report](#)

✦ MISC. REPORTS

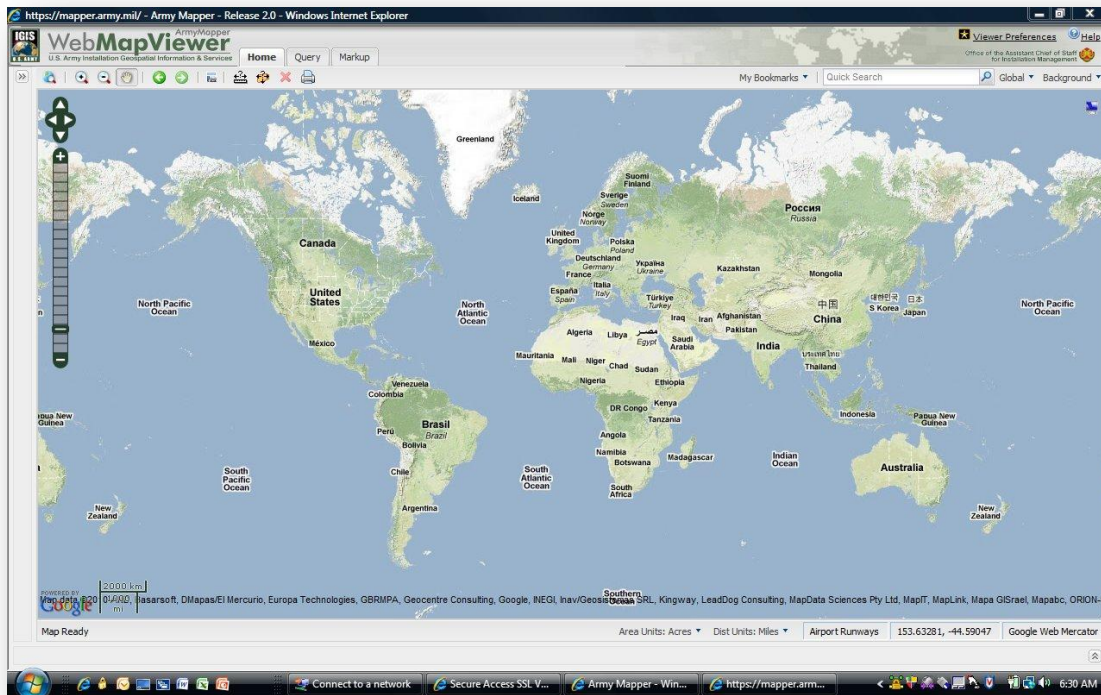
- ✦ [1. Email Messages](#)
- ✦ [2. Catalog By Pillars](#)
- ✦ [3. Projects Queue](#)

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All Reports Can Be Exported To MS Excel (.xls) & Portable Document Format (.pdf)

STEP NEXT GENERATION POSSIBILITIES

GIS MAPPING

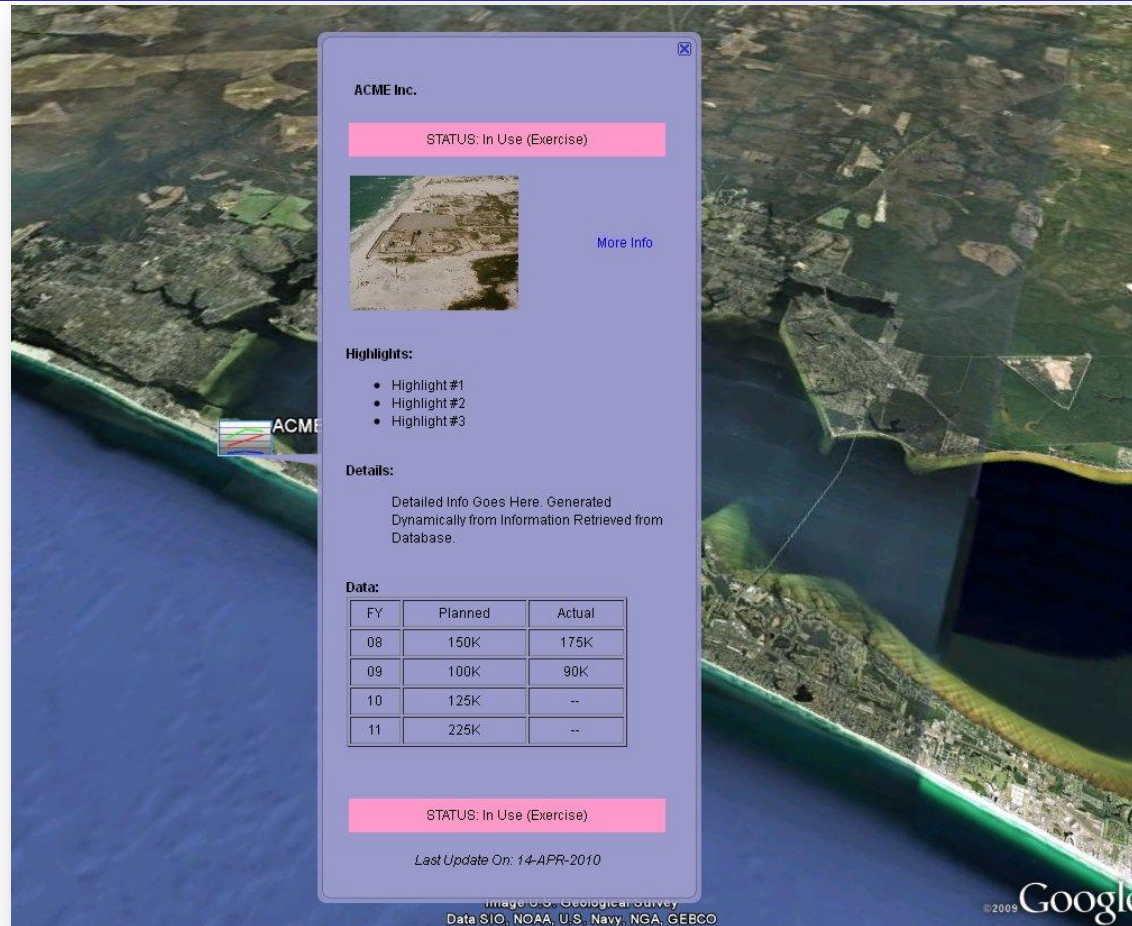


“ARMY MAPPER”

- IMCOM and AEC GIS Standard
- Current Release - Version 2.0
- Available To All Army AKO Account Holders
- Uses Google Maps
- Environmental Layers Are Defined

STEP - NEXT GENERATION POSSIBILITIES

GIS MAPPING (Cont.)

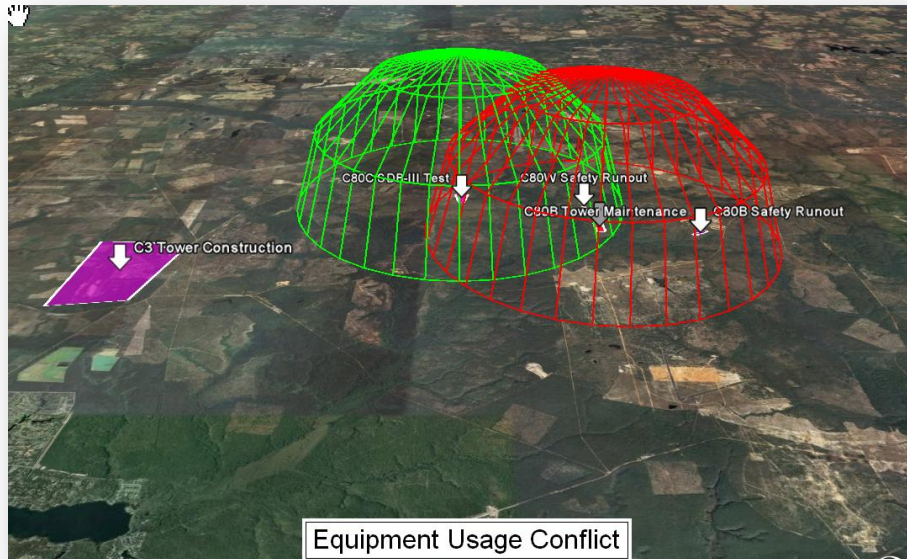


Easily Illustrate Company and/or Project Information

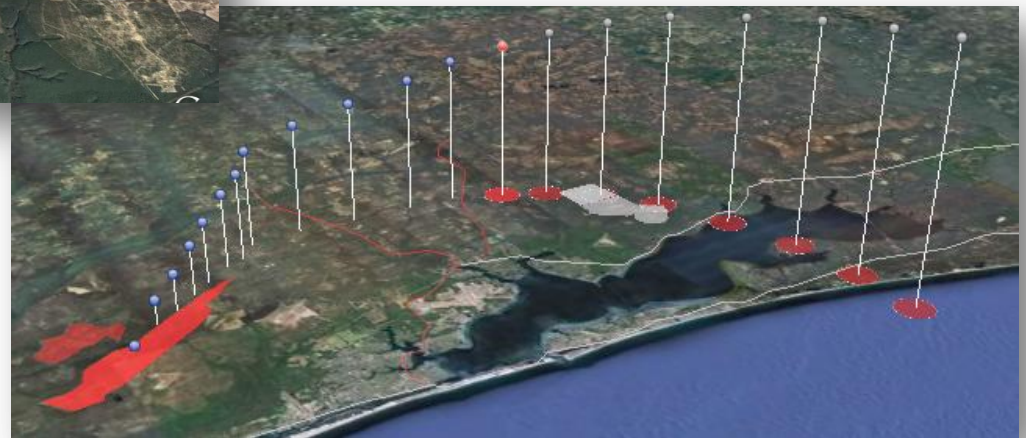
STEP - NEXT GENERATION POSSIBILITIES

GIS MAPPING *(Cont.)*

Time-based/Situational Status Updates



- Illustrate Status Over A Period Of Time
- Highlight Spatial Conflicts Or Encroachments
- Discover Conflicts In Planned And Simulated Scheduling
- Verify Transit Times, Road Closures, Equipment/Personnel Locations



STEP - NEXT GENERATION POSSIBILITIES DASHBOARD TECHNOLOGY



Dashboards Allow Managers To Manipulate Vast Volumes Of Data Into Easily Understandable Graphical Formats Such As Graphs, Pie Charts And Gauges

SUMMARY



**Secure System With Unlimited Access For Growth
And Adaptability**



**Designed To Allow Ease Of Access & Captures "ALL"
Environmental Requirements *(Including MISSION)***



**Improved Quality And Efficiency Of Projects
Submitted**



**Available 24/7, Immediate Access To The Most
Current Information Available**

QUESTIONS?



JMC STEP APPLICATION